Table 2, forth row after "DLAARN" insert - -SEQ ID NO:39- -;

forth row after "XP(I/V)(K/R)W(T/M)" insert - - SEQ ID NO: 44- -;

Table 2, fifth row after "DIKSKN" insert - -SEQ ID NO: 40- -;

fifth row after "GTRRYM" insert - -SEQ ID NO: 45- -;

Table 2, sixth row after "DFKSKN" insert - - SEQ ID NO: 41- -;

sixth row after "GTRRYM" insert - -SEQ ID NO: 45- -;

Table 2, seventh row after "DLKSSN" insert - - SEQ ID NO: 42- -;

seventh row after "GTARYM" insert - -SEQ ID NO:46- -;

Table 2, eighth row after "DFKSRN" insert - -SEQ ID NO: 27- -;

eighth row after "GTKRYM" insert - -SEQ ID NO: 29- -;

Table 2, ninth row after "DLKSKN" insert - -SEQ ID NO: 28- -; and

ninth row after "GTKRYM" insert - -SEQ ID NO: 42- -.

IN THE CLAIMS

Claim 15, line 2, please delete "and" and insert therefore - - to- -.

Claim 20, line 3 after "TGF" please insert - - -β - -.

28.   (AMENDED) A method for identifying a gene whose activation is effected by phosphorylated Smad1 or phosphorylated Smad-5, comprising contacting a first sample of cells, which express ALK-1 and which express and phosphorylate Smad1 or Smad-5 with an agent which inhibits or activates ALK-1 [which inhibits or activates phosphorylation of Smad1 or Smad-5], removing transcripts of said cell sample, and comparing said transcripts from transcripts of a second sample of cells